



UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
09/187,089	11/05/98	SUZUKI	T 052250

MM42/1029
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EXAMINER

ABRAMS, N

ART UNIT PAPER NUMBER

2839

DATE MAILED: 10/29/99

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.

09/187089

Applicant(s)

Suzuki

Examiner

Abrams

Group Art Unit

2839

—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

Status

- ☐ Responsive to communication(s) filed on _____
- ☐ This action is **FINAL**.
- ☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- ☒ Claim(s) 1-10 is/are pending in the application.
- ☐ Of the above claim(s) _____ is/are withdrawn from consideration.
- ☐ Claim(s) _____ is/are allowed.
- ☒ Claim(s) 1-10 is/are rejected.
- ☐ Claim(s) _____ is/are objected to.
- ☐ Claim(s) _____ are subject to restriction or election requirement.

Application Papers

- ☒ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- ☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.
- ☐ The drawing(s) filed on _____ is/are objected to by the Examiner.
- ☐ The specification is objected to by the Examiner.
- ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119 (a)-(d)

- ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- ☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been received.
- ☐ received in Application No. (Series Code/Serial Number) _____
- ☐ received in this national stage application from the International Bureau (PCT Rule 1.7.2(a)).

*Certified copies not received: _____

Attachment(s)

- ☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____
- ☒ Notice of Reference(s) Cited, PTO-892
- ☒ Notice of Draftsperson's Patent Drawing Review, PTO-948
- ☐ Interview Summary, PTO-413
- ☐ Notice of Informal Patent Application, PTO-152
- ☐ Other _____

Office Action Summary

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Note new art unit, no 2839.

Abstract, numerals in parenthesis keyed to main features should be added.

Fig. 1, one or both spring parts 24 should be shown on socket 20, fig. 1, with numerals added.

This application has been filed with informal drawings which are acceptable for examination purposes only. Formal drawings will be required when the application is allowed.

The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the claim 1 "reflection mirror must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

A numeral should be used for the feature and noted in the spec.

Applicant is required to submit a proposed drawing correction in reply to this Office action. However, formal correction of the noted defect can be deferred until the application is allowed by the examiner.

Claims 1-10 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 1, lines 21 "port" seems incorrect, should it be --portion--?

Claim 10, line 8 "one" should be --ones--.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various

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claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(f) or (g) prior art under 35 U.S.C. 103(a).

Claims 1-5 and 10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Forish alone or in view of MacPherson, Saito and Japan 6-275117.

The Forish, fig. 1, 4 system includes three socket mounting portions formed by housing 40 and backplate 60. Use of lenses is disclosed, col. 4, lines 10-15. It would have been obvious to include a reflection mirror, such feature admittedly known and also disclosed by Saito. Use of Saito lens 12, also noted.

Sockets 201 are to be detachably inserted into ports at sleeves 82, 83, 84. The conductors 108, 110, etc, are fitted in grooves in the backplate and exposed as shown at 108a, fig. 11.

For claim 2, conductors 108, 110 are read as being wire-like. Alternatively, it would have been obvious to use wires in grooves like those of MacPherson at 20, to be engaged by socket contacts like 60, 62 of MacPherson. For claims 4, 5, the recited ribs do not distinguish unobviously over the grooves of Forish or MacPherson, or the use of staking posts, see Forish, col. 5, lines 50-53. Also obvious to use ribs like those of Japan 275117 at 13a.

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Claims 1-5 and 10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Japan 6-11206) alone or taken in view of MacPherson, Forish, Saito and Japan 6-275117.

Note, fig. 3 system with grooves surrounding the port 2a. Alternatively it would have been obvious to form the Japan 11206 assembly with wall 2 having grooves for conductors (wires) 3, 4, in view of MacPherson at 20 and Forish at 108,110, etc. The conductors could be located in grooves on either the front or rear side of the Japan 11206 wall 2 and the socket modified accordingly as in Forish, see fig. 11.

Japan 11206 appears to depict a lens in fig. 1 at leadline Z. Use of lenses also taught by Forish. Also obvious to include reflective surfaces in view of Saito. For claims 4, 5, obvious to include ribs in view of Forish (stacking posts) and Japan 275117 at 13a.

For claim 10, the Japan, fig. 1 device is for plural bulbs and also appears to suggest a second socket mount on the right side of the one shown. In addition, it would have been obvious to so form the Japan device in view of the Forish and Saito plural socket systems.

It also is submitted that the claims do not define over the Japan patent assembly with socket insertion from the lens side of wall 2. No Specific language defines over such structure.

Claims 1-5 and 10 are rejected under 35 U.S.C. 103(a) as being unpatentable over MacPherson in view of Saito, Forish, and Japan 275117 and 11206.


It would have been obvious to form the MacPherson system with bulb surrounding enclosures, lenses and reflective surfaces in view of Forish at 40, Japan 11206 and Saito. Other aspects of the claims are treated as discussed above.

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Claim 6 defines unobviously over the prior art.

Any inquiry concerning this communication should be directed to N. Abrams at
telephone number (703) 308-1729.

Abrams/dc
October 25, 1999


NEIL ABRAMS
EXAMINER
ART UNIT 322